

Abstract

A single address configuration table entry maps multiple source devices in a source network to a single destination device in a destination network. The single address configuration table entry is used when any of the source devices initiates a connection to the destination device. The single address configuration table entry includes a “wildcard” for matching the source address of connection requests that are originated by any of the multiple source devices and destined for the destination device. When a connection is initiated by a source device, certain address/channel information is dynamically allocated in order to map the source device to the destination device. A dynamic routing table entry is installed in a dynamic routing table in order to map the source device to the destination device using the dynamically allocated address/channel information.